

```
def knapsack(W,n,vl,wt):  
    dp = [0]*(W+1)  
  
    for i in range(W+1):  
        for j in range(n):  
            if wt[j]<=i:  
                dp[i] = max(dp[i],dp[i-wt[j]]+vl[j])  
  
    return dp[W]
```

```
n = int(input('Enter the number of items : '))
```

```
huffman_codes = input('Enter huffman codes for each items(space separated) :  
').split()
```

```
vl = list(map(int,input('Enter the value of each item(space separated) : ').split()))
```

```
wt = list(map(len,huffman_codes))
```

```
W = int(input('Enter the stipulated amount of bits : '))
```

```
print('The maximum value stolen is :',knapsack(W,n,vl,wt))
```